CLAIMS:

1. A high-pressure discharge lamp having a quartz glass discharge vessel enclosing a discharge space with an ionizable filling, wherein a first electrode and a second electrode are present between which a discharge is maintained during lamp operation, wherein a first seal incorporates a first internal electric conductor which connects the first electrode to a first external electric conductor extending from the seal into the exterior, wherein said first seal further incorporates a gas-filled cavity, wherein the internal electric conductor is a foil which extends through the cavity, characterized in that the foil is provided with at least one hole.

2. A high-pressure discharge lamp according to claim 1, characterized in that the cavity is at least partially surrounded by an external capacitive body.

3. A high-pressure discharge lamp according to claim 1 or 2, characterized in that said foil is made of molybdenum.

4. A method for producing a high-pressure discharge lamp wherein a quartz glass discharge vessel enclosing a discharge space is filled with an ionizable filling, wherein a first electrode and a second electrode are placed such that a discharge can be maintained during lamp operation, wherein a first seal is provided with a first internal electric conductor being a foil which connects the first electrode to a first external electric conductor extending from the seal into the exterior, wherein said first seal is further provided with a gas-filled cavity through which the foil extends, and wherein the foil is provided with at least one hole.

5. A method according to claim 4, characterized in that the hole is provided by punching the foil with a needle.